

**YALE BIRCWH SCHOLARS**  
**List of Publications**

**Yale BIRCWH Scholar Publications and Abstracts**

**Faculty Scholar: Idil Cavus, M.D., Ph.D.**

Published/In Press:

1. Weimer E, Braus DF, Cavus I, Thome J: Augmentation of selective serotonin reuptake inhibitors (SSRI) with atypical antipsychotics in the treatment of depression. *Fortschritte der Neurologie, Psychiatrie*, 70: 210-217, 2002.
2. Hoffman RE, Cavus I: Slow transcranial magnetic stimulation, long-term depotentiation, and brain hyperexcitability disorders. *Am J. Psychiatry*, 159 (7): 1093-1102, 2002.
3. Cavus I, Duman RS: (2002) The effects of estradiol, 5-HT<sub>2A</sub> agonist and stress on the regulation of BDNF mRNA in female rats. *Biol. Psychiatry. In press.*
4. Cavus I, Duman RS: (2003) Influence of estradiol, stress and 5-HT<sub>2A</sub> agonist treatment on BDNF expression in female rats. *Biological Psychiatry. In press.*

Submitted/In Preparation:

1. Potenza MN, Maciejewski PK, Desai RA, Caldarone B, Cavus I, Rounsaville BJ, Mazure CM: (2003) Recreational gambling, health and well-being. *Submitted.*
2. Cavus I, Abi-Saab WM, Jackobs R, Spencer DD, Sherwin RS, Krystal J: (2003) Comparison of the interstitial glutamate, GABA, glucose and lactose levels in the epileptogenic focus and nonepileptogenic area of the human epileptic patients using zero flow microdialysis method. *In preparation.*
3. Cavus I., Abi-Saab WM, Zavery H, Cassadey M, Spencer DD, Krystal J: (2003) Hippocampal glutamate release and theta activation during cognitive activation in humans. *In preparation.*

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**Faculty Scholar: Therese A. Kosten, Ph.D.**

Published/In Press:

1. Kosten TA, Zhang XY, Kehoe P: Chronic neonatal isolation stress enhances cocaine-induced increases in ventral striatal dopamine levels in rat pups. *Developmental Brain Research*, 141:109-116, 2003.
2. Miserendino MJM, Haile CN, Kosten TA: Strain differences in response to escapable and inescapable novel environments and their ability to predict amphetamine-induced locomotor activity. *Psychopharmacology*, 167:281-290, 2003.
3. Kosten TA, Ambrosio E: HPA axis function and drug addictive behaviors: Insights from studies with Lewis and Fischer 344 inbred rats. *Psychoneuroendocrinology*, 27:35-69, 2002.
4. Kosten TR, George TP, Kosten TA: The potential of dopamine agonists in drug addiction. *Expert Opinion on Investigational Drugs*, 11:491-499, 2002.
5. Haile CN, Kosten TA: Differential effects of D1- and D2-like compounds on cocaine self-administration in Lewis and Fischer 344 inbred rats. *Journal of Pharmacology and Experimental Therapeutics*, 299:509-518, 2001.
6. Haile CN, During MJ, Jatlow PI, Kosten TR, Kosten TA: (2002) Disulfiram facilitates the development and expression of locomotor sensitization to cocaine in rats. *Biological Psychiatry*. *In press*.

Submitted/In Preparation:

1. Lee HJ, Kosten TA, Kim JJ: (2005) Differential effects of brief and prolonged maternal separation on various learning tasks in a sex specific manner. *Submitted*.
2. Zhang XY, Sanchez H, Kehoe P, Kosten TA: (2003) Neonatal isolation enhances cocaine-taking but not cocaine-seeking behaviors in adult male rats. *Submitted*.
3. Kosten TA, Sanchez H, Zhang XY, Kehoe P: (2003) Neonatal isolation enhances acquisition of cocaine self-administration and food responding in female rats. *Submitted*.
4. Kosten TA, Alsobrook, J, Nguyen T-H, Ozbay F, Vosler PS, Aramli L, Regan L, Lombroso P, Pauls D, Fisch GS: Delayed-matching-to-sample performance and cortical FMR1 protein levels in *fmr1* knock-out mice. *Submitted*.
5. Miserendino MJD, Kosten TA: Stress alters the discriminative stimulus and response rate effects of cocaine differentially in Lewis and Fischer inbred rats. *Psychopharmacology*. *Resubmitted*.

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6. Kosten TA, Bombace JC: Persistence of operant responding after prior cocaine exposure in Fischer 344, but not Lewis rats. *Psychopharmacology*. *To be revised*.

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**Faculty Scholar: Wendy J. Lynch, Ph.D.**

Published/In Press:

1. Lynch WJ, Roth ME, Carroll ME: Sex differences in drug abuse: preclinical and clinical studies. *Psychopharmacology*, 164, 121-137, 2002.
2. Carroll ME, Morgan AD, Lynch WJ, Campbell UC, Dess NK: I.V. cocaine and heroin self-administration in rats selectively bred for differential saccharin intake: phenotype and sex differences. *Pharmacology, Biochemistry, and Behavior*, 161(3):304-13, 2002.
3. Morgan D, Brebner K, Lynch WJ, Roberts DCS: Increases in the reinforcing efficacy of cocaine after particular histories of reinforcement. *Behavioral Pharmacology*, 13(5-6):389-96, 2002.
4. Lynch WJ, Brebner K, Roberts DCS: (2002) Long-lasting increases in the motivation to self-administer cocaine following abstinence from binge-like intake. *Journal of Neuroscience*. *In press*.

Submitted/In Preparation:

1. Lynch WJ, Taylor JR: (2003) Sex differences in vulnerability to addiction. *Submitted*.
2. Lynch WJ, Maciejewski PK, Calderone B, Mouratidis M, Potenza MN: (2003) A comparison of adolescent and adult gamblers. *Submitted*.
3. Lynch WJ, Roberts DCS: (2003) The effect of binge cocaine self-administration on food- and cocaine-reinforced responding in rats. *Submitted*.
4. Desai RA, Lynch WJ, Maciejewski PK, Calderone B, Potenza MN: (2002) Recreational gambling among older adults: demographic correlates, gambling patterns and health status. *In preparation*.
5. Lynch WJ, Taylor JR: (2003) Decreases in the hedonic effects of cocaine following 'binge' self-administration: Sex differences. *In preparation*.
6. Lynch WJ, Taylor JR: (2003) Sex differences during withdrawal from binge cocaine self-Administration. *In preparation*.

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**Faculty Scholar: Ann M. Rasmusson, M.D.**

Published/In Press

1. Morgan CA III, Rasmusson AM, Wang S, Hoyt G, Hauger R, Hazlett G: Neuropeptide Y and Subjective Distress in Humans Exposed to Acute Stress: Replication and Extension of Previous Report. *Biological Psychiatry*, 52:136-142, 2002.
2. Rasmusson AM, Friedman MJ: "The Neurobiology of PTSD in Women", in Kimerling, R., Ouimette, P.C., Wolfe J. (eds), Gender and Post-Traumatic Stress Disorder: Clinical Research, and Program Level Applications, Guilford Publications, Inc., New York, pp. 43-75, 2002.
3. Rasmusson AM, Shi L, Duman RS: BDNF mRNA in the Hippocampal Dentate Gyrus of Male Rats Decreases after Re-exposure to Cues Previously Associated with Footshock. *Neuropsychopharmacology*, 27:123-142, 2002.
4. Morgan CA III, Wang S, Rasmusson A, Hazlett G, Anderson G, Charney DS: Relationship Among Plasma Cortisol, Catecholamines, Neuropeptide-Y and Human Performance During Exposure to Uncontrollable Stress. *Psychosomatic Medicine*. *In press*.
5. Rasmusson AM, Lipschitz DS, Wang S, Hu S, Vojvoda D, Bremner JD, Southwick SM, Charney DS: Increased Pituitary and Adrenal Reactivity in Premenopausal Women with PTSD. *Biological Psychiatry*. *In press*.
6. Morgan CA III, Rasmusson AM, Wang S, Hoyt G, Hauger R, Hazlett G: Neuropeptide Y and Subjective Distress in Humans Exposed to Acute Stress: Replication and Extension of Previous Report. *Biological Psychiatry*. *In press*.
7. Rasmusson AM, Shi L, Duman RS: BDNF mRNA in the Hippocampal Dentate Gyrus of Male Rats Decreases after Re-exposure to Cues Previously Associated with Footshock. *Neuropsychopharmacology*. *Accepted pending minor revisions*.
8. Lipschitz DS, Rasmusson AM, Anyan W, Billingslea E, Cromwell PF, Southwick SM: (2003) PTSD and Substance Use in Inner-City Adolescent Girls, *Journal of Traumatic Stress*. *In press*.
9. Morgan CA III, Rasmusson AM, Winters B, Hauger RL, Hazlett G: (2003) Trauma exposure rather than PTSD is associated with reduced baseline plasma neuropeptide-Y levels. *Biological Psychiatry*. *In press*.
10. Rasmusson AM, Vythilingam M, Morgan CA III: (2003) The Neuroendocrinology of PTSD New Directions, Shalev A. (ed), CNS Spectrums, *The International Journal of Neuropsychiatric Medicine*. *In press*.

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Submitted/In Preparation:

1. Lipschitz D, Rasmusson A, Yehuda R, Wang S, Anyan W, Grilo CM, Fehon D, Southwick S: (2003) Salivary Cortisol Responses to Dexamethasone in Adolescents with PTSD. *Submitted.*
2. Rasmusson AM, Vasek J, Lipschitz DS, Mustone ME, Vojvoda D, Gudmundsen G, Shi Q, Wolfe J, Charney DS: Increased release of the Antiglucocorticoid Dehydroepiandrosterone (DHEA) in Premenopausal Women with PTSD. *Submitted.*

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**Faculty Scholar: Rajita Sinha, Ph.D.**

Published/In Press

1. Sinha R, Rounsaville BJ: Sex difference in depressed substance abusers. *Journal of Clinical Psychiatry*, 63 (July), 616-627, 2002.
2. Grilo CM, Sinha R, O'Malley SS: Eating disorders and alcohol use disorders. *Alcohol Health and Research World*, 26(2), 151-160, 2002.
3. Sinha R: How does stress increase risk of drug abuse and relapse? *Psychopharmacology*, 158, 343-359, 2001.
4. Sinha R: Vulnerability as a cause of substance abuse: Stress. In Carson-DeWitt R (Ed.), Encyclopedia of Drugs, Alcohol and Addictive Behaviors (revised edition), MacMillan Reference USA, Volume 3, pp. 1330-1333, 2001.
5. Easton C, Sinha R: (2003) Severity of substance abuse and violence among domestic violence offenders. *Psychiatry Research*. *In press*.
6. Sinha R, Talih M, Malison R, Anderson GA, Cooney N, Kreek MJ: (2003) Hypothalamic-pituitary-adrenal axis and sympatho-adreno-medullary responses during stress-induced and drug cue-induced cocaine craving states. *Psychopharmacology*. *In press*.
7. Sinha R, Rush AJ: (2002) Treatment and prevention of depression in women: Synthesis of findings. In Frank E, Cyranowski J, Sinha R, Rush AJ, Noelen-Hoeksema S, (Eds.), Women and Depression, APA Press. *In press*.

Submitted/In Preparation:

1. Sinha R: (2002) Stress and Drug Abuse. Invited chapter to appear in: Steckler T, Kalin N, Reul, JMHM (Eds.), Handbook on Stress, Immunology and Behavior, Elsevier Science, Amsterdam. *Under review*.
2. Sinha R, Talih M, Malison, R, Cooney N, Anderson G, Kreek MJ: Neurobiological reactivity to stress and to drug cues in cocaine dependent individuals. *Submitted*.